employees who are 18 years of age or older;

- (iii) The on-off switch of the scrap paper baler or paper box compactor is maintained in an off position when the machine is not in operation; and
- (iv) The employer posts a notice on the scrap paper baler or paper box compactor (in a prominent position and easily visible to any person loading, operating, or unloading the machine) that includes and conveys all of the following information:
- (A) That the scrap paper baler or compactor meets the industry safety standard applicable to the machine, as specified in paragraph (b)(5) of this section. The notice shall completely identify the appropriate ANSI standard.
- (B) That sixteen- and 17-year-old employees may only load the scrap paper baler or paper box compactor.
- (C) That no employee under the age of 18 may operate or unload the scrap paper baler or paper box compactor.
- (2) This section shall not apply to the employment of apprentices or student-learners under the conditions prescribed in §570.50 (b) and (c).

[56 FR 58632, Nov. 20, 1991, as amended at 69 FR 75403, Dec. 16, 2004]

## § 570.64 Occupations involved in the manufacture of brick, tile, and kindred products (Order 13).

- (a) Findings and declaration of fact. The following occupations involved in the manufacture of clay construction products and of silica refractory products are particularly hazardous for the employment of minors between 16 and 18 years of age, and detrimental to their health and well-being.
- (1) All work in or about establishments in which clay construction products are manufactured, except (i) work in storage and shipping: (ii) work in offices, laboratories, and storerooms; and (iii) work in the drying departments of plants manufacturing sewer pipe.
- (2) All work in or about establishments in which silica brick or other silica refractories are manufactured, except work in offices.
- (3) Nothing in this section shall be construed as permitting employment of minors in any occupation prohibited by any other hazardous occupations order issued by the Secretary of Labor.

- (b) Definitions. (1) The term clay construction products shall mean the following clay products: Brick, hollow structural tile, sewer pipe and kindred products, refractories, and other clay products such as architectural terra cotta, glazed structural tile, roofing tile, stove lining, chimney pipes and tops, wall coping, and drain tile. The term shall not include the following non-structural-bearing clay products: Ceramic floor and wall tile, mosaic tile, glazed and enameled tile, faience, and similar tile, nor shall the term include non-clay construction products such as sand-lime brick, glass brick, or non-clay refractories.
- (2) The term *silica brick or other silica* refractories shall mean refractory products produced from raw materials containing free silica as their main constituent.

[21 FR 5773, Aug. 2, 1956, as amended at 23 FR 6240, Aug. 14, 1958. Redesignated at 28 FR 1634, Feb. 21, 1963, and amended at 28 FR 3450, Apr. 9, 1963. Redesignated and amended at 36 FR 25156, Dec. 29, 1971]

# § 570.65 Occupations involved in the operations of circular saws, band saws, and guillotine shears (Order 14)

- (a) Findings and declaration of fact. The following occupations are particularly hazardous for the employment of minors between 16 and 18 years of age:
- (1) The occupations of operator of or helper on the following power-driven fixed or portable machines except machines equipped with full automatic feed and ejection:
  - (i) Circular saws.
  - (ii) Band saws.
  - (iii) Guillotine shears.
- (2) The occupations of setting-up, adjusting, repairing, oiling, or cleaning circular saws, band saws, and guillotine shears.
- (b) *Definitions.* (1) The term *operator* shall mean a person who operates a machine covered by this section by performing such functions as starting or stopping the machine, placing materials into or removing them from the machine, or any other functions directly involved in operation of the machine.
- (2) The term *helper* shall mean a person who assists in the operation of a

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machine covered by this section by helping place materials into or remove them from the machine.

- (3) The term machines equipped with full automatic feed and ejection shall mean machines covered by this Order which are equipped with devices for full automatic feeding and ejection and with a fixed barrier guard to prevent completely the operator or helper from placing any part of his body in the point-of-operation area.
- (4) The term *circular saw* shall mean a machine equipped with a thin steel disc having a continuous series of notches or teeth on the periphery, mounted on shafting, and used for sawing materials.
- (5) The term *band saw* shall mean a machine equipped with an endless steel band having a continuous series of notches or teeth, running over wheels or pulleys, and used for sawing materials.
- (6) The term *guillotine shear* shall mean a machine equipped with a movable blade operated vertically and used to shear materials. The term shall not include other types of shearing machines, using a different form of shearing action, such as alligator shears or circular shears.
- (c) *Exemptions.* This section shall not apply to the employment of apprentices or student-learners under the conditions prescribed in §570.50 (b) and (c).

[25 FR 9849, Oct. 14, 1960. Redesignated at 28 FR 1634, Feb. 21, 1963, and amended at 28 FR 3450, Apr. 9, 1963. Redesignated and amended at 36 FR 25156, Dec. 29, 1971]

# § 570.66 Occupations involved in wrecking, demolition, and shipbreaking operations (Order 15).

- (a) Finding and declaration of fact. All occupations in wrecking, demolition, and shipbreaking operations are particularly hazardous for the employment of minors between 16 and 18 years of age and detrimental to their health and well-being.
- (b) Definition. The term wrecking, demolition, and shipbreaking operations shall mean all work, including clean-up and salvage work, performed at the site of the total or partial razing, demolishing, or dismantling of a building,

bridge, steeple, tower, chimney, other structure, ship or other vessel.

[25 FR 9850, Oct. 14, 1960. Redesignated at 28 FR 1634, Feb. 21, 1963, and amended at 28 FR 3450, Apr. 9, 1963. Redesignated and amended at 36 FR 25156, Dec. 29, 1971]

## § 570.67 Occupations in roofing operations and on or about a roof (Order 16).

(a) Finding and declaration of fact. All occupations in roofing operations and all occupations on or about a roof are particularly hazardous for the employment of minors between 16 and 18 years of age or detrimental to their health.

#### (b) Definitions.

On or about a roof includes all work performed upon or in close proximity to a roof, including carpentry and metal work, alterations, additions, maintenance and repair, including painting and coating of existing roofs; the construction of the sheathing or base of roofs (wood or metal), including roof trusses or joists; gutter and downspout work; the installation and servicing of television and communication equipment such as cable and satellite dishes; the installation and servicing of heating, ventilation and air conditioning equipment or similar appliances attached to roofs; and any similar work that is required to be performed on or about roofs.

Roofing operations means all work performed in connection with the installation of roofs, including related metal work such as flashing, and applying weatherproofing materials and substances (such as waterproof membranes, tar, slag or pitch, asphalt prepared paper, tile, composite roofing materials, slate, metal, translucent materials, and shingles of asbestos, asphalt, wood or other materials) to roofs of buildings or other structures. The term also includes all jobs on the ground related to roofing operations such as roofing laborer, roofing helper, materials handler and tending a tar heater.